

Dennis J Paustenbach

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

44
papers

1,080
citations

19
h-index

32
g-index

44
ext. papers

1,214
ext. citations

4.4
avg, IF

4.33
L-index

#	Paper	IF	Citations
44	A review of the health hazards posed by cobalt. <i>Critical Reviews in Toxicology</i> , 2013 , 43, 316-62	5.7	138
43	Derivation of a chronic oral reference dose for cobalt. <i>Regulatory Toxicology and Pharmacology</i> , 2012 , 64, 491-503	3.4	83
42	Toxicology of wear particles of cobalt-chromium alloy metal-on-metal hip implants Part I: physicochemical properties in patient and simulator studies. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015 , 11, 1201-15	6	54
41	Interpreting cobalt blood concentrations in hip implant patients. <i>Clinical Toxicology</i> , 2014 , 52, 98-112	2.9	53
40	The toxicity of crude 4-methylcyclohexanemethanol (MCHM): review of experimental data and results of predictive models for its constituents and a putative metabolite. <i>Critical Reviews in Toxicology</i> , 2015 , 45 Suppl 2, 1-55	5.7	51
39	Dose-response relationships for blood cobalt concentrations and health effects: a review of the literature and application of a biokinetic model. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2012 , 15, 493-523	8.6	51
38	An evaluation of the historical exposures of mechanics to asbestos in brake dust. <i>Journal of Occupational and Environmental Hygiene</i> , 2003 , 18, 786-804		51
37	Environmental and occupational health hazards associated with the presence of asbestos in brake linings and pads (1900 to present): a "state-of-the-art" review. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2004 , 7, 25-80	8.6	45
36	Inorganic cobalt supplementation: prediction of cobalt levels in whole blood and urine using a biokinetic model. <i>Food and Chemical Toxicology</i> , 2012 , 50, 2456-61	4.7	43
35	Effects and blood concentrations of cobalt after ingestion of 1 mg/d by human volunteers for 90 d. <i>American Journal of Clinical Nutrition</i> , 2014 , 99, 632-46	7	33
34	Toxicology of wear particles of cobalt-chromium alloy metal-on-metal hip implants Part II: Importance of physicochemical properties and dose in animal and in vitro studies as a basis for risk assessment. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015 , 11, 1285-98	6	33
33	Reconstruction of benzene exposure for the Pliofilm cohort (1936-1976) using Monte Carlo techniques. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2003 , 66, 677-781	3.2	33
32	Toxicology-based cancer causation analysis of CoCr-containing hip implants: a quantitative assessment of genotoxicity and tumorigenicity studies. <i>Journal of Applied Toxicology</i> , 2014 , 34, 939-67	4.1	32
31	Evaluation of take home (para-occupational) exposure to asbestos and disease: a review of the literature. <i>Critical Reviews in Toxicology</i> , 2012 , 42, 703-31	5.7	31
30	Cobalt whole blood concentrations in healthy adult male volunteers following two-weeks of ingesting a cobalt supplement. <i>Food and Chemical Toxicology</i> , 2013 , 53, 432-9	4.7	30
29	Review of cobalt toxicokinetics following oral dosing: Implications for health risk assessments and metal-on-metal hip implant patients. <i>Critical Reviews in Toxicology</i> , 2015 , 45, 367-87	5.7	30
28	31-day study of cobalt(II) chloride ingestion in humans: pharmacokinetics and clinical effects. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2013 , 76, 1210-24	3.2	29

27	Cumulative asbestos exposure for US automobile mechanics involved in brake repair (circa 1950s-2000). <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2007 , 17, 644-55	6.7	29
26	Shanghai Health Study (2001-2009): What was learned about benzene health effects?. <i>Critical Reviews in Toxicology</i> , 2018 , 48, 217-251	5.7	20
25	Characterization of wear debris from metal-on-metal hip implants during normal wear versus edge-loading conditions. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2018 , 106, 986-996	3.5	18
24	Evaluation of bystander exposures to asbestos in occupational settings: a review of the literature and application of a simple eddy diffusion model. <i>Critical Reviews in Toxicology</i> , 2011 , 41, 52-74	5.7	18
23	Cobalt speciation assay for human serum, Part I. Method for measuring large and small molecular cobalt and protein-binding capacity using size exclusion chromatography with inductively coupled plasma-mass spectroscopy detection. <i>Toxicological and Environmental Chemistry</i> , 2013 , 95, 687-708	1.4	17
22	Understanding outcomes and toxicological aspects of second generation metal-on-metal hip implants: a state-of-the-art review. <i>Critical Reviews in Toxicology</i> , 2018 , 48, 853-901	5.7	16
21	Cobalt speciation assay for human serum, Part II. Method validation in a study of human volunteers ingesting cobalt(II) chloride dietary supplement for 90 days. <i>Toxicological and Environmental Chemistry</i> , 2013 , 95, 709-718	1.4	14
20	Government and Navy knowledge regarding health hazards of asbestos: a state of the science evaluation (1900 to 1970). <i>Inhalation Toxicology</i> , 2011 , 23 Suppl 3, 1-20	2.7	14
19	An evaluation of short-term exposures of brake mechanics to asbestos during automotive and truck brake cleaning and machining activities. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2009 , 19, 458-74	6.7	14
18	A visual historical review of exposure to asbestos at puget sound naval shipyard (1962-1972). <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2009 , 12, 124-56	8.6	12
17	Correlation of blood Cr(III) and adverse health effects: Application of PBPK modeling to determine non-toxic blood concentrations. <i>Critical Reviews in Toxicology</i> , 2014 , 44, 618-37	5.7	11
16	History of knowledge and evolution of occupational health and regulatory aspects of asbestos exposure science: 1900-1975. <i>Critical Reviews in Toxicology</i> , 2017 , 47, 286-316	5.7	9
15	Risks associated with arsenic exposure resulting from the consumption of California wines sold in the United States. <i>Food Chemistry</i> , 2016 , 211, 107-13	8.5	9
14	Airborne asbestos take-home exposures during handling of chrysotile-contaminated clothing following simulated full shift workplace exposures. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2016 , 26, 48-62	6.7	8
13	Airborne concentrations of asbestos onboard maritime shipping vessels (1978-1992). <i>Annals of Occupational Hygiene</i> , 2008 , 52, 267-79		8
12	Chromium speciation in the blood of metal-on-metal hip implant patients. <i>Toxicological and Environmental Chemistry</i> , 2017 , 99, 48-64	1.4	7
11	The History and Biological Basis of Occupational Exposure Limits for Chemical Agents 2011 , 865-955		7
10	The Employer's Responsibility to Maintain a Safe and Healthful Work Environment: An Historical Review of Societal Expectations and Industrial Practices. <i>Employee Responsibilities and Rights Journal</i> , 2007 , 19, 173-192	0.5	7

9	Evaluation of take-home exposure to asbestos from handling asbestos-contaminated worker clothing following the abrasive sawing of cement pipe. <i>Inhalation Toxicology</i> , 2017 , 29, 555-566	2.7	5
8	Tier-based skin irritation testing of hair cleansing conditioners and their constituents. <i>Cutaneous and Ocular Toxicology</i> , 2019 , 38, 44-47	1.8	4
7	A preliminary evaluation of immune stimulation following exposure to metal particles and ions using the mouse popliteal lymph node assay. <i>Toxicology and Applied Pharmacology</i> , 2016 , 308, 77-90	4.6	3
6	Characteristics of Cobalt-Related Cardiomyopathy in Metal Hip Implant Patients: An Evaluation of 15 Published Reports. <i>Cardiovascular Toxicology</i> , 2018 , 18, 206-220	3.4	3
5	Re: Comments on Egilman's response to Hessel regarding the health hazards of brake dust and his reflections on corporate behavior. <i>American Journal of Industrial Medicine</i> , 2019 , 62, 616-624	2.7	2
4	The 2014 crude 4-methylcyclohexanemethanol chemical release and birth outcomes in West Virginia. <i>Archives of Environmental and Occupational Health</i> , 2018 , 73, 292-301	2	2
3	Crude 4-methylcyclohexanemethanol (MCHM) did not cause skin irritation in humans in 48-h patch test. <i>Cutaneous and Ocular Toxicology</i> , 2017 , 36, 351-355	1.8	1
2	Authors' Response to Letters to the Editor Re: Interpreting cobalt blood concentrations in hip implant patients. <i>Clinical Toxicology</i> , 2014 , 52, 569-70	2.9	1
1	A case-control study of chronic myelomonocytic leukemia (CMML) in Shanghai, China: evaluation of risk factors for CMML, with special focus on benzene. <i>Archives of Environmental and Occupational Health</i> , 2012 , 67, 206-18	2	1